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			Application Number	10/765,498			
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			First Named Inventor	Mark R. Vandlik			
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2	of	2	Attorney Docket Number	0360-0166.04			
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
M		European Patent Office Supplementary Partial European Search Report dated June 11, 2004	
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

LIST OF PRIOR ART CITED BY APPLICANT (Use invent sheets if measure)

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APPLICANT Vandlik et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUM- BER	Date	Name	Class	Subclass	Filing Date (If Appropriate)
9N	5,421,823	06/06/95	Kamen et al.			
	5,431,626	07/11/95	Bryant et al	\		
	5,437,624	08/01/95	Langley			
	5,438,510	08/01/95	Bryant et al			
	5,474,683	12/12/95	Bryant et al	ļ		/
	5,628,908 5/13/97		Kamen et al			
	5,634,896	06/03/97	Bryant et al			
	5,651,766	07/29/97	Kingsley et al		/	
	5,676,644	10/14/97	Toavs et al	ļ,	<u> </u>	
Y	5,746,719	05/05/98	Farra et al	1/		\ \ <u>\</u>
A	5,755,683	05/26/98	Houle et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUM- BER	DATE	COUNTRY	<u>-</u>	Subclass	Translation Vet No
A	W0 97/02059		PCT			
SI	EP 0771569		EP.		1	
M	WO 96/40319		PCT		X	
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A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a
foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of
a concise explanation of relevance under 37 CFR 1.98(a)(3).

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U.S. PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Document Number

Co	omplete if Known	
Application Number	10/765,498	
Filing Date	01/26/2004	
First Named Inventor	Mark R. Vandlik	
Art Unit	3762	
Examiner Name	P. Bianco	
Attorney Docket Number	0360-0166.04	

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This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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7	4,778,451 10/18/88			Kamen							
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		4,808,	4,808,161 02/28/89			,	ž.			/	
		4,865,5	584	09/12/89	Epstein et	Epstein et al.					
		5,062,7	774	11/05/91	Kramer et	al.		ļ	/	\	
		5,088,5	515	02/18/92	Kamen				\		
		5,108,3	367	04/28/92	Epstein et	al. '					
	1	5,178,1	182	01/12/93	Kamen				/		
		5,193,9	90	03/16/93	Kamen et a	al.		/			
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		WO 98	8/22163			PCT					
		WO 9	6/40328			PCT					
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X	WO 97/09074				PCT						
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(Use several sheets if accessary)	Vandlik et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUM- BER	Date	Name	Class	Subclass	Filing Date (If Appropriate)
TA	5,769,811	06/23/98	Stacey et al.	7		
	5,938,634	08/17/99	Packard			
	5,951,509	09/14/99	Morris	· .	1	
	6,106,498	08/22/00	Friedli et al			
	5,722,947	03/03/98	Jeppsson et al.		\longrightarrow	/
	4,816,019	03/28/89	Kamen	ļ <u>.</u>		\
	4,077,882	3/7/78	Gangemi			
	4,858,883	8/22/89	Webster	ļ,	/	
	6,071,423	6/6/00	Brown et al	1-/		
M	4,119,120	10/10/78	Mehaffy et al			\ <u></u>
41	B1 5,344,568	9/7/99	Kitaevich et al		l	\

FOREIGN PATENT DOCUMENTS

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	5,746,708	5/5/98	Giesler et a	1	1		
	4,828,543	5/9/89	Weiss et al.	<u> </u>	\perp		
	4,486,189	12/4/84	Troutner e	: al	_ _\		
	4,479,761	10/30/84	Bilstad et a				
	5,921,951	7/13/99	Morris			1	/
	5,593,290	1/14/97	Greisch et	al		\perp	
	4,285,464	8/25/81	Latham Jr.				
	4,776,964	10/11/88	Schoendor	fer et al.		/_	
	5,762,791	6/9/98	Deniega et	al		<u> </u>	
	5,738,796	4/14/98	Bormann e	t al ·	/		\.
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U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	Nume	Class	Subclass	Filing Date (If Appropriate)
A	5,989,438	11/23/99	Fumiyama			
1	5,482,440	1/9/96	Dennehey et al	\		
	5,871,693	2/16/99	Lindsay		Λ	
	5,311,908	5/17/94	Barone et al.			
	5,273,517	12/28/93	Barone et al			
	4,965,846	10/23/90	Williamson IV		$ \setminus $	
	4,410,341	10/18/83	Edwards et al.			
	3,681,899	8/8/72	Grote	<u> </u>		
	5,178,603	1/12/93	Prince		<u> </u>	
V	4,954,128	9/4/90	Ford			
	4,447,191	5/8/84	Bilstad et al)

FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	Name ·	Class	Subclass	Filing Date (If Appropriate)
20	4,481,827	11/13/84	Bilstad et al			
	4,526,515	7/2/[85	DeVries			
	5,232,437	8/3/939	Lysaght et al			
	5,588,816	12/31/96	Abbott et al.	<u> </u>		
	RE 36,871	9/12/00	Epstein et al			
	5,795,317	8/18/98	Brierton et al.			
	5,746,708	05/1998	Giesler et al.		\perp	
	5,738,796	04/1998	Bormann et al.			\
	5,954,971	09/1999	Pages et al.		/	\
	5;690,815	11/25/1997	Kransoff et al.	<u> </u>	/	
	6,106,727	08/22/2000	Kransoff et al.			
	6,322,709	11/27/2001	Kransoff et al.	/		
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Сьн	Subclass	Translation Vot No
\mathcal{M}		JP2003-52808	2003	Japan (with English Translation			YES
		JP 2001-149444	2001	Japan (with English Translation)			YES
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